

ABSTRACT OF DISCLOSURE

A rotary cutting die includes a trim stripper having a generally pentagonal shape which forcibly separates severed trim scrap from cut corrugated board, directing the scrap material generally downwardly and away from the trimmed corrugated board product. The pentagonal shaped stripping member mounts on the surface of a die board adjacent a trim cutting blade and is formed of a resilient material, such as closed cell rubber, which deforms elastically when forced into contact with the incoming blank of material. The angled nature of the stripper surface allows the stripper to smoothly contact and capture the leading edge of the blank, greatly reducing the potential for an initial destructive misalignment at the stripper - blank interface. More particularly, the angled upper surface of the pentagonal shaped member is oriented such that as the stripper is brought into contact with the blank and deformation of the resilient stripper occurs, the engaged angled surface tends to hold the blank material against an adjacent anvil cylinder. Simultaneous with this holding action of the stripper, the cutting blade engages and penetrates the blank material, effectively severing or trimming the edge of the blank and producing a segment of scrap. As the elastically deformed stripper begins to recoil, and return to its original pentagonal shape, the angled surface of the stripper remains in general contact with the severed scrap and continues to hold the scrap material firmly against the anvil surface. By doing such, the stripper